



MIT.9922

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICANT:** Smith et al. **GROUP:** Unknown  
**SERIAL NO:** 10/624,316 **EXAMINER:** Unknown  
**FILED:** July 21, 2003  
**FOR:** SYSTEM AND METHOD FOR MASKLESS  
LITHOGRAPHY USING AN ARRAY OF  
IMPROVED DIFFRACTIVE FOCUSING ELEMENTS

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

In compliance with 37 CFR §§1.56, 1.97, and 1.98, Applicant submits an identification of the documents listed on the attached Form PTO-1449, as well as copies of all non - U.S. patent documents and non - U.S. patent application documents pursuant to 37 CFR §1.98(a)(2)(i).

The Commissioner is authorized to charge Deposit Order Account No. 19-0079 for any further fee that is required.

Respectfully submitted,

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Meghan H. Carr  
10/16/03  
Date

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

ATTORNEY DOCKET NO.  
MIT.9922

APPLICANT  
Smith et al.

FILING DATE  
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GROUP  
Unknown

EXAMINER  
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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,900,637	05/04/99	Smith			
	AB	6,133,986	10/17/00	Johnson			
	AC	5,071,207	12/10/91	Ceglio et al.			
	AD	5,078,513	01/07/92	Spaulding et al.			
	AE	5,159,586	10/27/92	Yamashita et al.			
	AF	5,257,132	10/26/93	Ceglio et al.			
	AG	5,262,893	11/16/93	Shrauger et al.			
	AH	5,822,119	10/13/1998	Rasmussen et al.			
	AI	6,330,118	12/11/01	Daschner et al.			

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ						

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
	AK	Gil et al., "Lithographic patterning and confocal imaging with zone plates," <i>J. Vac. Sci. Technol. B</i> , Vol. 8(6), (Nov/Dec 2000): 2881-2885.
	AL	Eisner et al., "Confocal microscopy with a refractive microlens- pinhole array," <i>Optics Letters</i> , Vol. 23(10), (May 15, 1998), 748-749.
	AM	Ahn, S.H. and Y.K. Kim, "Proposal of human eye's crystalline lens-like variable focusing lens," <i>Broadband Optical Networks and Technologies: An Emerging Reality/ Optical MEMS/ Smart Pixels/ Organic Optics and Optoelectronics. 1998 IEEE</i> , :II/89-II/90.
	AN	Kipp et al., "Sharper images by focusing soft X-rays with photon sieves," <i>Nature</i> , Vol. 414, (November 8, 2001): 184-188.
	AO	Hoshino, K. and I. Shimoyama, "An Elastic Thin-Film Microlens Array With a Pneumatic Actuator," <i>Micro Electro Mechanical Systems, 2001. MEMS 2</i> , 321-324.